

Pubmed:

- #2 Search #1 and scfv Field: All Fields 10:51:59 5
- #1 Search levy r 10:51:14 2467

Yang J, Kanter G, Voloshin A, Michel-Reydellet N, Velkeen H, Levy R, Swartz JR.

Related Articles, Links



Rapid expression of vaccine proteins for B-cell lymphoma in a cell-free system.
Biotechnol Bioeng. 2005 Mar 5;89(5):503-11.
PMID: 15669088 [PubMed - in process]

- ☐ 2: McCormick AA, Reinl SJ, Cameron TI, Vojdani F, Fronefield M, Levy R, Tuse D. Related Articles, Links



Individualized human scFv vaccines produced in plants: humoral anti-idiotypic responses in vaccinated mice confirm relevance to the tumor Ig.
J Immunol Methods. 2003 Jul;278(1-2):95-104.
PMID: 12957399 [PubMed - indexed for MEDLINE]

- ☐ 3: McCormick AA, Kumagai MH, Hanley K, Turpen TH, Hakim I, Grill LK, Tuse D, Levy S, Levy R. Related Articles, Links



Rapid production of specific vaccines for lymphoma by expression of the tumor-derived single-chain Fv epitopes in tobacco plants.
Proc Natl Acad Sci U S A. 1999 Jan 19;96(2):703-8.
PMID: 9892697 [PubMed - indexed for MEDLINE]

- ☐ 4: Caspar CB, Levy S, Levy R. Related Articles, Links



Idiotypic vaccines for non-Hodgkin's lymphoma induce polyclonal immune responses that cover mutated tumor idiotypes: comparison of different vaccine formulations.
Blood. 1997 Nov 1;90(9):3699-706.
PMID: 9345055 [PubMed - indexed for MEDLINE]

- ☐ 5: Hakim I, Levy S, Levy R. Related Articles, Links



A nine-amino acid peptide from IL-1beta augments antitumor immune responses induced by protein and DNA vaccines.
J Immunol. 1996 Dec 15;157(12):5503-11.
PMID: 8955200 [PubMed - indexed for MEDLINE]

- #10 Search #9 and linker Limits: Publication Date to 2000/1/1 11:01:35 91

- #11 Search #10 and plant Limits: Publication Date to 2000/1/1 10:57:51 1

- #9 Search scfv Limits: Publication Date to 2000/1/1 10:57:12 590

<u>#8</u>	Search #5 and idiotype Limits: Publication Date to 2000/1/1	10:56:47	<u>1</u>
<u>#7</u>	Search #5 and non-hodgkin Limits: Publication Date to 2000/1/1	10:56:27	<u>0</u>
<u>#6</u>	Search #5 and lymphoma Limits: Publication Date to 2000/1/1	10:56:11	<u>1</u>
<u>#5</u>	Search scfv and plant Field: All Fields, Limits: Publication Date to 2000/1/1	10:55:51	<u>41</u>
<u>#4</u>	Search scfv and plant Field: All Fields	10:54:49	<u>82</u>
<u>#3</u>	Search scfv and plant	10:54:40	<u>82</u>
<u>#2</u>	Search #1 and scfv Field: All Fields	10:51:59	<u>5</u>
<u>#1</u>	Search levy r		

Items 1 - 20 of 91

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- ☐ **1:** [Wan H, Liu Y, Gu J.](#) Related Articles, Links
- ☐ [Construction and expression in E. coli of single-chain F v fragment of antihuman activated platelets monoclonal antibody]
Zhonghua Xue Ye Xue Za Zhi. 1997 Sep;18(9):460-3. Chinese.
PMID: 15625836 [PubMed - in process]
- ☐ **2:** [Zhou C, Shen G, Zhu H, Yang J, Zhang Y, Feng J, Shen B.](#) Related Articles, Links
- ☐ Construction and analysis of three-dimensional graphic model of single-chain Fv derived from an anti-human placental acidic isoferitin monoclonal antibody by computer.
J Tongji Med Univ. 2000;20(1):23-5.
PMID: 12845748 [PubMed - indexed for MEDLINE]
- ☐ **3:** [Si B, Yang P, Qin E.](#) Related Articles, Links
- ☐ [Soluble expression and identification of expressed single chain antibody fragment 3D3 against dengue virus type 3]
Zhonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi. 1998 Dec;12(4):350-2. Chinese.
PMID: 12526352 [PubMed - indexed for MEDLINE]
- ☐ **4:** [Si B, Yang P, Qin E.](#) Related Articles, Links
- ☐ [Gene cloning, expression and immunological identification of a single chain antibody fragment 3D3 against dengue type 3 virus]
Zhonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi. 1998 Sep;12(3):229-32. Chinese.
PMID: 12526322 [PubMed - indexed for MEDLINE]
- ☐ **5:** [Zhou C, Jiang M, Xu L, Zhen Y.](#) Related Articles, Links
- ☐ [Construction and secretory expression of single-chain Fv fragment M97 with therapeutic potential against tumor invasion and metastasis]
Zhongguo Yi Xue Ke Xue Yuan Xue Bao. 1998 Apr;20(2):81-8. Chinese.
PMID: 11367724 [PubMed - indexed for MEDLINE]

- ☐ 6: [Zeng JZ, Zhou ZY, Wu YQ, Liu ZP, Wang WX, Huang HL, Cai ZN, Yu JL.](#) Related Articles, Links
 [Expression of single-chain Fv antibody for anti-beet necrotic yellow vein virus in *Escherichia coli*]
Yi Chuan Xue Bao. 2000;27(11):1006-11. Chinese.
 PMID: 11209682 [PubMed - indexed for MEDLINE]
- ☐ 7: [Zan H, Yeh M.](#) Related Articles, Links
 [Cloning of variable region genes of anti-tetanus toxoid antibody and their expression as three kinds of engineered antibodies in *E. coli*]
Shi Yan Sheng Wu Xue Bao. 1997 Sep;30(3):285-92. Chinese.
 PMID: 11039023 [PubMed - indexed for MEDLINE]
- ☐ 8: [Song LX, Yu WY.](#) Related Articles, Links
 [Construction and expression of anticolonic cancer scFv fragment]
Sheng Wu Gong Cheng Xue Bao. 2000 Jan;16(1):82-5. Chinese.
 PMID: 10883283 [PubMed - indexed for MEDLINE]
- ☐ 9: [Ernst M, Meier D, Sonneborn HH.](#) Related Articles, Links
 From IgG monoclonals to IgM-like molecules.
Hum Antibodies. 1999;9(3):165-70.
 PMID: 10690630 [PubMed - indexed for MEDLINE]
- ☐ 10: [Hudson PJ, Kortt AA.](#) Related Articles, Links
 High avidity scFv multimers; diabodies and triabodies.
J Immunol Methods. 1999 Dec 10;231(1-2):177-89. Review.
 PMID: 10648937 [PubMed - indexed for MEDLINE]
- ☐ 11: [Alvi AZ, Stadnyk LL, Nagata LP, Fulton RE, Bader DE, Roehrig JT, Suresh MR.](#) Related Articles, Links
 Development of a functional monoclonal single-chain variable fragment antibody against Venezuelan equine encephalitis virus.
Hybridoma. 1999 Oct;18(5):413-21.
 PMID: 10600028 [PubMed - indexed for MEDLINE]
- ☐ 12: [Winthrop MD, DeNardo SJ, DeNardo GL.](#) Related Articles, Links
 Development of a hyperimmune anti-MUC-1 single chain antibody fragments phage display library for targeting breast cancer.
Clin Cancer Res. 1999 Oct;5(10 Suppl):3088s-3094s.
 PMID: 10541348 [PubMed - indexed for MEDLINE]
- ☐ 13: [Xu B, Kriangkum J, Nagata LP, Fulton RE, Suresh MR.](#) Related Articles, Links
 A single chain Fv specific against Western equine encephalitis virus.
Hybridoma. 1999 Aug;18(4):315-23.
 PMID: 10571261 [PubMed - indexed for MEDLINE]
- ☐ 14: [Hashimoto Y, Tanigawa K, Nakashima M, Sonoda K, Ueda T, Watanabe T, Imoto T.](#) Related Articles, Links

- ☐ Construction of the single-chain Fv from 196-14 antibody toward ovarian cancer-associated antigen CA125.
Biol Pharm Bull. 1999 Oct;22(10):1068-72.
PMID: 10549857 [PubMed - indexed for MEDLINE]
- ☐ **15:** Pavlinkova G, Beresford GW, Booth BJ, Batra SK, Colcher D. Related Articles, Links
Pharmacokinetics and biodistribution of engineered single-chain antibody constructs of MAb CC49 in colon carcinoma xenografts.
J Nucl Med. 1999 Sep;40(9):1536-46.
PMID: 10492377 [PubMed - indexed for MEDLINE]
- ☐ **16:** Pledger DW, Brodnicki TC, Graham BL, Tetin S, Kranz DM, Linthicum DS. Related Articles, Links
Construction and characterization of two anti-sweetener single chain antibodies using radioligand binding, fluorescence and circular dichroism spectroscopy.
J Mol Recognit. 1999 Jul-Aug;12(4):258-66.
PMID: 10440997 [PubMed - indexed for MEDLINE]
- ☐ **17:** Smallshaw JE, Georges F, Lee JS, Waygood EB. Related Articles, Links
Synthesis, cloning and expression of the single-chain Fv gene of the HPr-specific monoclonal antibody, Jel42. Determination of binding constants with wild-type and mutant HPrs.
Protein Eng. 1999 Jul;12(7):623-30.
PMID: 10436089 [PubMed - indexed for MEDLINE]
- ☐ **18:** Atwell JL, Breheney KA, Lawrence LJ, McCoy AJ, Kortt AA, Hudson PJ. Related Articles, Links
scFv multimers of the anti-neuraminidase antibody NC10: length of the linker between VH and VL domains dictates precisely the transition between diabodies and triabodies.
Protein Eng. 1999 Jul;12(7):597-604.
PMID: 10436086 [PubMed - indexed for MEDLINE]
- ☐ **19:** Colcher D, Pavlinkova G, Beresford G, Booth BJ, Batra SK. Related Articles, Links
Single-chain antibodies in pancreatic cancer.
Ann N Y Acad Sci. 1999 Jun 30;880:263-80. Review.
PMID: 10415872 [PubMed - indexed for MEDLINE]
- ☐ **20:** Casalvilla R, Duenas M, Ayala M, Cruz S, Cruz L, Buurman WA, Gavilondo JV. Related Articles, Links
A bacterial single-chain Fv antibody fragment that inhibits binding of its parental anti-E-selectin monoclonal antibody to activated human endothelial cells.
J Biotechnol. 1999 Jun 11;72(1-2):1-12.
PMID: 10406094 [PubMed - indexed for MEDLINE]

Items 21 - 40 of 91

Previous 2 of 5 Next

- ☐ **21:** Pan H, Yang GZ, Wu XF. Related Articles, Links

- ☐ [Expression of chimeric single-chain antibody with specificity for HBsAg in *E. coli*]
Yi Chuan Xue Bao. 1999;26(1):87-91. Chinese.
PMID: 10375856 [PubMed - indexed for MEDLINE]
- ☐ 22: [Beresford GW, Pavlinkova G, Booth BJ, Batra SK, Colcher D.](#) Related Articles, Links
Binding characteristics and tumor targeting of a covalently linked divalent CC49 single-chain antibody.
Int J Cancer. 1999 Jun 11;81(6):911-7.
PMID: 10362138 [PubMed - indexed for MEDLINE]
- ☐ 23: [Shan D, Press OW, Tsu TT, Hayden MS, Ledbetter JA.](#) Related Articles, Links
Characterization of scFv-Ig constructs generated from the anti-CD20 mAb 1F5 using linker peptides of varying lengths.
J Immunol. 1999 Jun 1;162(11):6589-95.
PMID: 10352275 [PubMed - indexed for MEDLINE]
- ☐ 24: [Denton G, Brady K, Lo BK, Murray A, Graves CR, Hughes OD, Tendler SJ, Laughton CA, Price MR.](#) Related Articles, Links
Production and characterization of an anti-(MUC1 mucin) recombinant diabody.
Cancer Immunol Immunother. 1999 Apr;48(1):29-38.
PMID: 10235486 [PubMed - indexed for MEDLINE]
- ☐ 25: [Patenaude SI, MacKenzie CR, Bilous D, To RJ, Ryan SE, Young NM, Evans SV.](#) Related Articles, Links
Production, crystallization and diffraction to atomic resolution of an antibody Fv specific for the blood-group A oligosaccharide antigen.
Acta Crystallogr D Biol Crystallogr. 1998 Nov 1;54(Pt 6 Pt 2):1456-9.
PMID: 10089537 [PubMed - indexed for MEDLINE]
- ☐ 26: [Colcher D, Pavlinkova G, Beresford G, Booth BJ, Choudhury A, Batra SK.](#) Related Articles, Links
Pharmacokinetics and biodistribution of genetically-engineered antibodies.
Q J Nucl Med. 1998 Dec;42(4):225-41. Review.
PMID: 9973838 [PubMed - indexed for MEDLINE]
- ☐ 27: [Passafiume M, Vulliez-le Normand B, Riottot MM, Bentley GA.](#) Related Articles, Links
Sequence analysis of a monoclonal antibody specific for the preS2 region of hepatitis B surface antigen, and the cloning, expression and characterisation of its single-chain Fv construction.
FEBS Lett. 1998 Dec 28;441(3):407-12.
PMID: 9891981 [PubMed - indexed for MEDLINE]
- ☐ 28: [Olafsen T, Rasmussen IB, Norderhaug L, Bruland OS, Sandlie I.](#) Related Articles, Links
IgM secretory tailpiece drives multimerisation of bivalent scFv fragments in eukaryotic cells.
Immunotechnology. 1998 Oct;4(2):141-53.
PMID: 9853955 [PubMed - indexed for MEDLINE]
- ☐ 29: [Barth S, Huhn M, Wels W, Diehl V, Engert A.](#) Related Articles, Links

- ☐ Construction and in vitro evaluation of RFT5(scFv)-ETA', a new recombinant single-chain immunotoxin with specific cytotoxicity toward CD25+ Hodgkin-derived cell lines.
Int J Mol Med. 1998 Jan;1(1):249-56.
PMID: 9852227 [PubMed - indexed for MEDLINE]
- ☐ **30:** MacKenzie R, To R. Related Articles, Links
The role of valency in the selection of anti-carbohydrate single-chain Fvs from phage display libraries.
J Immunol Methods. 1998 Nov 1;220(1-2):39-49.
PMID: 9839924 [PubMed - indexed for MEDLINE]
- ☐ **31:** Tripathi PK, Qin H, Deng S, Xu C, Bhattacharya-Chatterjee M, Foon KA, Chatterjee SK. Related Articles, Links
Antigen mimicry by an anti-idiotypic antibody single chain variable fragment.
Mol Immunol. 1998 Sep;35(13):853-63.
PMID: 9839554 [PubMed - indexed for MEDLINE]
- ☐ **32:** Luo D, Geng M, Schultes B, Ma J, Xu DZ, Hamza N, Qi W, Noujaim AA, Madiyalakan R. Related Articles, Links
Expression of a fusion protein of scFv-biotin mimetic peptide for immunoassay.
J Biotechnol. 1998 Oct 27;65(2-3):225-8.
PMID: 9828463 [PubMed - indexed for MEDLINE]
- ☐ **33:** Brown JC, Brown BA 2nd, Li Y, Hardin CC. Related Articles, Links
Construction and characterization of a quadruplex DNA selective single-chain autoantibody from a viable motheaten mouse hybridoma with homology to telomeric DNA binding proteins.
Biochemistry. 1998 Nov 17;37(46):16338-48.
PMID: 9819226 [PubMed - indexed for MEDLINE]
- ☐ **34:** Reiter Y, Pastan I. Related Articles, Links
Antibody engineering of recombinant Fv immunotoxins for improved targeting of cancer: disulfide-stabilized Fv immunotoxins.
Clin Cancer Res. 1996 Feb;2(2):245-52. Review.
PMID: 9816166 [PubMed - indexed for MEDLINE]
- ☐ **35:** Arndt KM, Muller KM, Pluckthun A. Related Articles, Links
Factors influencing the dimer to monomer transition of an antibody single-chain Fv fragment.
Biochemistry. 1998 Sep 15;37(37):12918-26.
PMID: 9737871 [PubMed - indexed for MEDLINE]
- ☐ **36:** Hennecke F, Krebber C, Pluckthun A. Related Articles, Links
Non-repetitive single-chain Fv linkers selected by selectively infective phage (SIP) technology.
Protein Eng. 1998 May;11(5):405-10.
PMID: 9681874 [PubMed - indexed for MEDLINE]

- ☐ **37:** [Malby RL, McCoy AJ, Kortt AA, Hudson PJ, Colman PM.](#) [Related Articles,](#) [Links](#)
☐ Three-dimensional structures of single-chain Fv-neuraminidase complexes.
 J Mol Biol. 1998 Jun 19;279(4):901-10.
 PMID: 9642070 [PubMed - indexed for MEDLINE]
- ☐ **38:** [Rajagopal V, Pastan I, Kreitman RJ.](#) [Related Articles,](#) [Links](#)
☐ A form of anti-Tac(Fv) which is both single-chain and disulfide stabilized:
 comparison with its single-chain and disulfide-stabilized homologs.
 Protein Eng. 1997 Dec;10(12):1453-9.
 PMID: 9543007 [PubMed - indexed for MEDLINE]
- ☐ **39:** [Iliades P, Dougan DA, Oddie GW, Metzger DW, Hudson PJ, Kortt AA.](#) [Related Articles,](#) [Links](#)
☐ Single-chain Fv of anti-idiotypic 11-1G10 antibody interacts with antibody NC41
 single-chain Fv with a higher affinity than the affinity for the interaction of the
 parent Fab fragments.
 J Protein Chem. 1998 Apr;17(3):245-54.
 PMID: 9588948 [PubMed - indexed for MEDLINE]
- ☐ **40:** [Lawrence LJ, Kortt AA, Iliades P, Tulloch PA, Hudson PJ.](#) [Related Articles,](#) [Links](#)
☐ Orientation of antigen binding sites in dimeric and trimeric single chain Fv
 antibody fragments.
 FEBS Lett. 1998 Apr 3;425(3):479-84.
 PMID: 9563517 [PubMed - indexed for MEDLINE]
- 41:** [Helfrich W, Kroesen BJ, Roovers RC, Westers L, Molema G, Hoogenboom HR, de Leij L.](#) [Related Articles,](#) [Links](#)
☐ Construction and characterization of a bispecific diabody for retargeting T cells to
 human carcinomas.
 Int J Cancer. 1998 Apr 13;76(2):232-9.
 PMID: 9537586 [PubMed - indexed for MEDLINE]
- ☐ **42:** [Zhang X, Cui H, Qian H.](#) [Related Articles,](#) [Links](#)
☐ [Generation of genetic engineering anti-idiotypic antibody against OC125
 monoclonal antibody of ovarian carcinoma]
 Zhonghua Fu Chan Ke Za Zhi. 1996 Nov;31(11):646-8. Chinese.
 PMID: 9387521 [PubMed - indexed for MEDLINE]
- ☐ **43:** [Huang Q, Shen S, Xu Z.](#) [Related Articles,](#) [Links](#)
☐ [Development of genetically engineered chimeric and single chain antibodies
 against human brain glioma: a preliminary report]
 Zhonghua Zhong Liu Za Zhi. 1996 Jul;18(4):259-62. Chinese.
 PMID: 9387315 [PubMed - indexed for MEDLINE]
- ☐ **44:** [Michael NP, Chester KA, Melton RG, Robson L, Nicholas W, Boden JA, Pedley RB, Begent RH, Sherwood RF, Minton NP.](#) [Related Articles,](#) [Links](#)
☐ In vitro and in vivo characterisation of a recombinant carboxypeptidase G2::anti-

CEA scFv fusion protein.

Immunotechnology. 1996 Feb;2(1):47-57.

PMID: 9373327 [PubMed - indexed for MEDLINE]

- ☐ 45: [Wu AM, Chen W, Raubitschek A, Williams LE, Neumaier M, Fischer R, Hu SZ, Odom-Maryon T, Wong JY, Shively JE.](#) Related Articles, Links

☐ Tumor localization of anti-CEA single-chain Fvs: improved targeting by non-covalent dimers.

Immunotechnology. 1996 Feb;2(1):21-36.

PMID: 9373325 [PubMed - indexed for MEDLINE]

- ☐ 46: [Dunn RD, Weston KM, Longhurst TJ, Lilley GG, Rivett DE, Hudson PJ, Raison RL.](#) Related Articles, Links

☐ Antigen binding and cytotoxic properties of a recombinant immunotoxin incorporating the lytic peptide, melittin.

Immunotechnology. 1996 Sep;2(3):229-40.

PMID: 9373315 [PubMed - indexed for MEDLINE]

- ☐ 47: [Iliades P, Kortt AA, Hudson PJ.](#) Related Articles, Links

☐ Triabodies: single chain Fv fragments without a linker form trivalent trimers.

FEBS Lett. 1997 Jun 16;409(3):437-41.

PMID: 9224705 [PubMed - indexed for MEDLINE]

- ☐ 48: [Li E, Pedraza A, Bestagno M, Mancardi S, Sanchez R, Burrone O.](#) Related Articles, Links

☐ Mammalian cell expression of dimeric small immune proteins (SIP).

Protein Eng. 1997 Jun;10(6):731-6.

PMID: 9278288 [PubMed - indexed for MEDLINE]

- ☐ 49: [Brinkmann U, Di Carlo A, Vasmatzis G, Kurochkina N, Beers R, Lee B, Pastan I.](#) Related Articles, Links

☐ Stabilization of a recombinant Fv fragment by base-loop interconnection and V(H)-V(L) permutation.

J Mol Biol. 1997 Apr 25;268(1):107-17.

PMID: 9149145 [PubMed - indexed for MEDLINE]

- ☐ 50: [Kortt AA, Lah M, Oddie GW, Gruen CL, Burns JE, Pearce LA, Atwell JL, McCoy AJ, Howlett GJ, Metzger DW, Webster RG, Hudson PJ.](#) Related Articles, Links

☐ Single-chain Fv fragments of anti-neuraminidase antibody NC10 containing five- and ten-residue linkers form dimers and with zero-residue linker a trimer.

Protein Eng. 1997 Apr;10(4):423-33.

PMID: 9194168 [PubMed - indexed for MEDLINE]

- ☐ 51: [Schlebusch H, Reinartz S, Kaiser R, Grunn U, Wagner U.](#) Related Articles, Links

☐ Production of a single-chain fragment of the murine anti-idiotypic antibody ACA125 as phage-displayed and soluble antibody by recombinant phage antibody technique.

Hybridoma. 1997 Feb;16(1):47-52.

PMID: 9085128 [PubMed - indexed for MEDLINE]

- ☐ **52:** [Froyen G, Billiau A.](#) [Related Articles](#), [Links](#)
☐ Potential therapeutic use of antibodies directed towards HuIFN-gamma.
 Biotherapy. 1997;10(1):49-57. Review.
 PMID: 9261550 [PubMed - indexed for MEDLINE]
- ☐ **53:** [Deonarain MP, Rowlinson-Busza G, George AJ, Epenetos AA.](#) [Related Articles](#), [Links](#)
☐ Redesigned anti-human placental alkaline phosphatase single-chain Fv: soluble expression, characterization and in vivo tumour targeting.
 Protein Eng. 1997 Jan;10(1):89-98.
 PMID: 9051739 [PubMed - indexed for MEDLINE]
- ☐ **54:** [Yuan Q, Clarke JR, Zhou HR, Linz JE, Pestka JJ, Hart LP.](#) [Related Articles](#), [Links](#)
☐ Molecular cloning, expression, and characterization of a functional single-chain Fv antibody to the mycotoxin zearalenone.
 Appl Environ Microbiol. 1997 Jan;63(1):263-9.
 PMID: 8979354 [PubMed - indexed for MEDLINE]
- ☐ **55:** [Atwell JL, Pearce LA, Lah M, Gruen LC, Kortt AA, Hudson PJ.](#) [Related Articles](#), [Links](#)
☐ Design and expression of a stable bispecific scFv dimer with affinity for both glycophorin and N9 neuraminidase.
 Mol Immunol. 1996 Dec;33(17-18):1301-12.
 PMID: 9171890 [PubMed - indexed for MEDLINE]
- ☐ **56:** [Ager S, Nilson BH, Morling FJ, Peng KW, Cosset FL, Russell SJ.](#) [Related Articles](#), [Links](#)
☐ Retroviral display of antibody fragments; interdomain spacing strongly influences vector infectivity.
 Hum Gene Ther. 1996 Nov 10;7(17):2157-64.
 PMID: 8934229 [PubMed - indexed for MEDLINE]
- ☐ **57:** [Gregoire C, Malissen B, Mazza G.](#) [Related Articles](#), [Links](#)
☐ Characterization of T cell receptor single-chain Fv fragments secreted by myeloma cells.
 Eur J Immunol. 1996 Oct;26(10):2410-6.
 PMID: 8898954 [PubMed - indexed for MEDLINE]
- ☐ **58:** [Reiter Y, Wright AF, Tonge DW, Pastan I.](#) [Related Articles](#), [Links](#)
☐ Recombinant single-chain and disulfide-stabilized Fv-immunotoxins that cause complete regression of a human colon cancer xenograft in nude mice.
 Int J Cancer. 1996 Jul 3;67(1):113-23.
 PMID: 8690511 [PubMed - indexed for MEDLINE]
- ☐ **59:** [Hu S, Shively L, Raubitschek A, Sherman M, Williams LE, Wong JY, Shively JE, Wu AM.](#) [Related Articles](#), [Links](#)
☐ Minibody: A novel engineered anti-carcinoembryonic antigen antibody fragment (single-chain Fv-CH3) which exhibits rapid, high-level targeting of xenografts.
 Cancer Res. 1996 Jul 1;56(13):3055-61.
 PMID: 8674062 [PubMed - indexed for MEDLINE]

☐ **60:** [Tang Y, Jiang N, Parakh C, Hilvert D.](#) [Related Articles,](#) [Links](#)

☐ Selection of linkers for a catalytic single-chain antibody using phage display technology.

J Biol Chem. 1996 Jun 28;271(26):15682-6.

PMID: 8663068 [PubMed - indexed for MEDLINE]

Items 61 - 80 of 91

Previous 4 of 5 Next

☐ **61:** [Tsurushita N, Fu H, Warren C.](#) [Related Articles,](#) [Links](#)

☐ Phage display vectors for in vivo recombination of immunoglobulin heavy and light chain genes to make large combinatorial libraries.

Gene. 1996 Jun 12;172(1):59-63.

PMID: 8654992 [PubMed - indexed for MEDLINE]

☐ **62:** [Ross CN, Turner N, Savage P, Cashman SJ, Spooner RA, Pusey CD.](#) [Related Articles,](#) [Links](#)

☐ A single-chain Fv reactive with the Goodpasture antigen.

Lab Invest. 1996 Jun;74(6):1051-9.

PMID: 8667609 [PubMed - indexed for MEDLINE]

☐ **63:** [Tan PH, Sandmaier BM, Stayton PS.](#) [Related Articles,](#) [Links](#)

☐ Characterization of an anti-CD44 single-chain FV antibody that stimulates natural killer cell activity and induces TNF alpha release.

Immunol Invest. 1995 Nov;24(6):907-26.

PMID: 8575837 [PubMed - indexed for MEDLINE]

☐ **64:** [Kranz DM, Gruber M, Wilson ER.](#) [Related Articles,](#) [Links](#)

☐ Properties of bispecific single chain antibodies expressed in Escherichia coli.

J Hematother. 1995 Oct;4(5):403-8.

PMID: 8581376 [PubMed - indexed for MEDLINE]

☐ **65:** [Luo D, Mah N, Krantz M, Wilde K, Wishart D, Zhang Y, Jacobs F, Martin L.](#) [Related Articles,](#) [Links](#)

☐ VI-linker-Vh orientation-dependent expression of single chain Fv-containing an engineered disulfide-stabilized bond in the framework regions.

J Biochem (Tokyo). 1995 Oct;118(4):825-31.

PMID: 8576099 [PubMed - indexed for MEDLINE]

☐ **66:** [Zhang H, Lake DF, Barbuto JA, Bernstein RM, Grimes WJ, Hersh EM.](#) [Related Articles,](#) [Links](#)

☐ A human monoclonal antimelanoma single-chain Fv antibody derived from tumor-infiltrating lymphocytes.

Cancer Res. 1995 Aug 15;55(16):3584-91.

PMID: 7627967 [PubMed - indexed for MEDLINE]

☐ **67:** [Jahn S, Roggenbuck D, Niemann B, Ward ES.](#) [Related Articles,](#) [Links](#)

☐ Expression of monovalent fragments derived from a human IgM autoantibody in E. coli. The input of the somatically mutated CDR1/CDR2 and of the CDR3 into

antigen binding specificity.
Immunobiology. 1995 Aug;193(5):400-19.
PMID: 8522357 [PubMed - indexed for MEDLINE]

- ☐ 68: Alfthan K, Takkinen K, Sizmann D, Soderlund H, Teeri TT. Related Articles, Links

☐ Properties of a single-chain antibody containing different linker peptides.
Protein Eng. 1995 Jul;8(7):725-31.
PMID: 8577701 [PubMed - indexed for MEDLINE]

- ☐ 69: Yamanaka HI, Kirii Y, Ohmoto H. Related Articles, Links

☐ An improved phage display antibody cloning system using newly designed PCR primers optimized for Pfu DNA polymerase.
J Biochem (Tokyo). 1995 Jun;117(6):1218-27.
PMID: 7490263 [PubMed - indexed for MEDLINE]

- ☐ 70: Brinkmann U, Chowdhury PS, Roscoe DM, Pastan I. Related Articles, Links

☐ Phage display of disulfide-stabilized Fv fragments.
J Immunol Methods. 1995 May 11;182(1):41-50.
PMID: 7769243 [PubMed - indexed for MEDLINE]

- ☐ 71: Ayala M, Balint RF, Fernandez-de-Cossio L, Canaan-Haden JW, Larrick JW, Gavilondo JV. Related Articles, Links

☐ Variable region sequence modulates periplasmic export of a single-chain Fv antibody fragment in Escherichia coli.
Biotechniques. 1995 May;18(5):832, 835-8, 840-2.
PMID: 7619489 [PubMed - indexed for MEDLINE]

- ☐ 72: Bohn J, Niemann B, Roggenbuck D, Docke W, Jahn S. Related Articles, Links

☐ Tumour cell binding by a human monoclonal IgM antibody from the spleen of a non-tumour-associated patient is due to somatic mutations in the VH gene.
Clin Exp Immunol. 1995 Mar;99(3):376-83.
PMID: 7882560 [PubMed - indexed for MEDLINE]

- ☐ 73: Thielemans KM. Related Articles, Links

☐ Immunotherapy with bispecific antibodies.
Verh K Acad Geneesk Belg. 1995;57(3):229-47; discussion 247-8.
PMID: 7483816 [PubMed - indexed for MEDLINE]

- ☐ 74: Kuderova A, Tanha J, Lee JS. Related Articles, Links

☐ Characterization of four nucleic acid-binding single-chain Fv fragments by direct and competitive solid-phase radioimmunoassays.
J Biol Chem. 1994 Dec 30;269(52):32957-62.
PMID: 7806525 [PubMed - indexed for MEDLINE]

- ☐ 75: Lake DF, Lam KS, Peng L, Hersh EM. Related Articles, Links

☐ Molecular cloning, expression and mutagenesis of an anti-insulin single chain Fv (scFv).
Mol Immunol. 1994 Aug;31(11):845-56.

PMID: 8047074 [PubMed - indexed for MEDLINE]

- ☐ 76: [Hayashi N, Welschhof M, Zewe M, Braunagel M, Dubel S, Breitling F, Little M.](#) Related Articles, Links

☐ Simultaneous mutagenesis of antibody CDR regions by overlap extension and PCR.

Biotechniques. 1994 Aug;17(2):310, 312, 314-5.

PMID: 7980934 [PubMed - indexed for MEDLINE]

- ☐ 77: [Desplancq D, King DJ, Lawson AD, Mountain A.](#) Related Articles, Links

☐ Multimerization behaviour of single chain Fv variants for the tumour-binding antibody B72.3.

Protein Eng. 1994 Aug;7(8):1027-33.

PMID: 7809029 [PubMed - indexed for MEDLINE]

- ☐ 78: [Zdanov A, Li Y, Bundle DR, Deng SJ, MacKenzie CR, Narang SA, Young NM, Cygler M.](#) Related Articles, Links

☐ Structure of a single-chain antibody variable domain (Fv) fragment complexed with a carbohydrate antigen at 1.7-A resolution.

Proc Natl Acad Sci U S A. 1994 Jul 5;91(14):6423-7.

PMID: 7517550 [PubMed - indexed for MEDLINE]

- ☐ 79: [Hawkins RE, Zhu D, Ovecka M, Winter G, Hamblin TJ, Long A, Stevenson FK.](#) Related Articles, Links

☐ Idiotypic vaccination against human B-cell lymphoma. Rescue of variable region gene sequences from biopsy material for assembly as single-chain Fv personal vaccines.

Blood. 1994 Jun 1;83(11):3279-88.

PMID: 8193363 [PubMed - indexed for MEDLINE]

- ☐ 80: [Lilley GG, Dolezal O, Hillyard CJ, Bernard C, Hudson PJ.](#) Related Articles, Links

☐ Recombinant single-chain antibody peptide conjugates expressed in Escherichia coli for the rapid diagnosis of HIV.

J Immunol Methods. 1994 May 16;171(2):211-26.

PMID: 7515087 [PubMed - indexed for MEDLINE]

Items 81 - 91 of 91

Previous 5 of 5

- ☐ 81: [Kortt AA, Malby RL, Caldwell JB, Gruen LC, Ivancic N, Lawrence MC, Howlett GJ, Webster RG, Hudson PJ, Colman PM.](#) Related Articles, Links

☐ Recombinant anti-sialidase single-chain variable fragment antibody. Characterization, formation of dimer and higher-molecular-mass multimers and the solution of the crystal structure of the single-chain variable fragment/sialidase complex.

Eur J Biochem. 1994 Apr 1;221(1):151-7.

PMID: 8168505 [PubMed - indexed for MEDLINE]

- ☐ 82: [Freund C, Ross A, Pluckthun A, Holak TA.](#) Related Articles, Links

- ☐ Structural and dynamic properties of the Fv fragment and the single-chain Fv fragment of an antibody in solution investigated by heteronuclear three-dimensional NMR spectroscopy.
Biochemistry. 1994 Mar 22;33(11):3296-303.
PMID: 8136365 [PubMed - indexed for MEDLINE]
- ☐ **83:** McGregor DP, Molloy PE, Cunningham C, Harris WJ. [Related Articles](#), [Links](#)
☐ Spontaneous assembly of bivalent single chain antibody fragments in Escherichia coli.
Mol Immunol. 1994 Feb;31(3):219-26.
PMID: 8114767 [PubMed - indexed for MEDLINE]
- ☐ **84:** Barry MM, Lee JS. [Related Articles](#), [Links](#)
☐ Cloning and expression of an autoimmune DNA-binding single chain Fv. Only the heavy chain is required for binding.
Mol Immunol. 1993 Jun;30(9):833-40.
PMID: 8321248 [PubMed - indexed for MEDLINE]
- ☐ **85:** Malby RL, Caldwell JB, Gruen LC, Harley VR, Ivancic N, Kortt AA, Lilley GG, Power BE, Webster RG, Colman PM, et al. [Related Articles](#), [Links](#)
☐ Recombinant antineuraminidase single chain antibody: expression, characterization, and crystallization in complex with antigen.
Proteins. 1993 May;16(1):57-63.
PMID: 8497484 [PubMed - indexed for MEDLINE]
- ☐ **86:** Freund C, Ross A, Guth B, Pluckthun A, Holak TA. [Related Articles](#), [Links](#)
☐ Characterization of the linker peptide of the single-chain Fv fragment of an antibody by NMR spectroscopy.
FEBS Lett. 1993 Apr 5;320(2):97-100.
PMID: 8458438 [PubMed - indexed for MEDLINE]
- ☐ **87:** Ayala M, Duenas M, Santos A, Vazquez J, Menendez A, Silva A, Gaviñondo JV. [Related Articles](#), [Links](#)
☐ Bacterial single-chain antibody fragments, specific for carcinoembryonic antigen.
Biotechniques. 1992 Nov;13(5):790-9.
PMID: 1418981 [PubMed - indexed for MEDLINE]
- ☐ **88:** Wels W, Harwerth IM, Zwickl M, Hardman N, Groner B, Hynes NE. [Related Articles](#), [Links](#)
☐ Construction, bacterial expression and characterization of a bifunctional single-chain antibody-phosphatase fusion protein targeted to the human erbB-2 receptor.
Biotechnology (N Y). 1992 Oct;10(10):1128-32.
PMID: 1369487 [PubMed - indexed for MEDLINE]
- ☐ **89:** Wels W, Harwerth IM, Hynes NE, Groner B. [Related Articles](#), [Links](#)
☐ Diminution of antibodies directed against tumor cell surface epitopes: a single chain Fv fusion molecule specifically recognizes the extracellular domain of the c-erbB-2 receptor.
J Steroid Biochem Mol Biol. 1992 Sep;43(1-3):1-7.
PMID: 1381944 [PubMed - indexed for MEDLINE]

☐ 90: Laroche Y, Demaeyer M, Stassen JM, Gansemans Y, Demarsin E, Matthyssens G, Collen D, Holvoet P. Related Articles, Links

☐ Characterization of a recombinant single-chain molecule comprising the variable domains of a monoclonal antibody specific for human fibrin fragment D-dimer.
J Biol Chem. 1991 Sep 5;266(25):16343-9.
PMID: 1885569 [PubMed - indexed for MEDLINE]

☐ 91: Dreher ML, Gherardi E, Skerra A, Milstein C. Related Articles, Links

☐ Colony assays for antibody fragments expressed in bacteria.
J Immunol Methods. 1991 Jun 3;139(2):197-205.
PMID: 2045660 [PubMed - indexed for MEDLINE]

Set	Items	Description
S1	1174	SCFV AND LINKER
S2	524	S1 NOT PY=>2000
S3	11	S2 AND PLANT
S4	22	S2 AND LYMPHOMA

? t s3/free/all

3/8/1 (Item 1 from file: 5)
0009587572 BIOSIS NO.: 199598055405
Construction and functional characterization of a single chain Fv antibody
binding to the plant hormone abscisic acid
1994

3/8/2 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.
03552891 Genuine Article#: PL979 Number of References: 14
Title: CONSTRUCTION AND FUNCTIONAL-CHARACTERIZATION OF A SINGLE-CHAIN FV ANTIBODY-BINDING TO THE PLANT HORMONE ABSCISIC-ACID (Abstract Available)
Journal Subject Category: PLANT SCIENCES
Descriptors--Author Keywords: ABSCISIC ACID ; ELISA ; MONOCLONAL ANTIBODY ; SINGLE CHAIN FV PROTEIN
Identifiers--KeyWords Plus: MONOCLONAL-ANTIBODIES; FILAMENTOUS PHAGE; ESCHERICHIA-COLI; PROTEIN; HEAVY
Research Fronts: 92-0799 002 (ANTIBODY ENGINEERING; ANTIGEN COMBINING SITE; FILAMENTOUS PHAGE; PROTEIN TARGETS)
92-2150 001 (HEAT-SHOCK PROTEINS; FOLDING PATHWAY; MOLECULAR CHAPERONES; MAMMALIAN STRESS RESPONSE)

3/8/3 (Item 1 from file: 35)
01695262 ORDER NO: AAD99-22396
RECOMBINANT ANTIBODIES AND PEPTIDE MIMOTOPES TO FUSARIUM MYCOTOXINS (PHAGE DISPLAY)
Year: 1998

3/8/4 (Item 2 from file: 35)
01682145 ORDER NO: AAD99-15423
PRODUCTION, GENE CLONING, AND EXPRESSION IN MAIZE OF ANTIBODIES WITH INHIBITORY ACTIVITY TO CORN STUNT SPIROPLASMA (GENE EXPRESSION, MONOCLONAL ANTIBODIES)
Year: 1998

3/8/5 (Item 3 from file: 35)
01628407 ORDER NO: AAD97-36090
IMMUNOCHEMICAL STUDIES ON FUMONISINS (MYCOTOXINS)
Year: 1997

3/8/6 (Item 4 from file: 35)
01623658 ORDER NO: AAD98-19054
CLONING AND ANALYSIS OF ENDOGLUCANASE GENES FROM THE PHYTOPATHOGENIC
FUNGUS
MACROPHOMINA PHASEOLINA (SEEDLING BLIGHT, CHARCOAL ROT)
Year: 1997

3/8/7 (Item 1 from file: 50)
DIALOG(R)File 50:(c) 2005 CAB International. All rts. reserv.

0007373931 CAB Accession Number: 19971607148
Expression of antibody single-chain fragments with
specificities to
structural and nonstructural proteins of beet necrotic yellow vein
virus
in plants: an alternative approach to produce virus resistant plants.
Book Title: Transgenic organisms and biosafety: horizontal
gene
transfer, stability of DNA, and expression of transgenes.
Publication Year: 1996

DESCRIPTORS: tobacco; sugarbeet; plant pathogens; plant diseases;
varietal reactions; disease resistance; gene expression; genetic
transformation; resistance; stimulant plants; biotechnology; sugar
crops; plant pathology
IDENTIFIERS: Transgenic organisms and biosafety; beet necrotic yellow
vein furovirus; Furovirus
ORGANISM DESCRIPTORS: plant viruses; Nicotiana benthamiana;
Nicotiana
tabacum; viruses; Nicotiana; Beta vulgaris var. saccharifera
BROADER TERMS: viruses; plant pathogens; pathogens; Nicotiana;
Solanaceae; Solanales; dicotyledons; angiosperms; Spermatophyta;
plants
; Beta vulgaris; Beta; Chenopodiaceae; Caryophyllales; furovirus
group;
plant viruses
CABICODES: Plant Breeding and Genetics (FF020); Biotechnology
(General); (Revised June 2002) (WW000); Pests, Pathogens and
Biogenic
Diseases of Plants, (Discontinued March 2000) (FF600); Host
Resistance
and Immunity (HH600)

3/8/8 (Item 2 from file: 50)
DIALOG(R)File 50:(c) 2005 CAB International. All rts. reserv.

0007187244 CAB Accession Number: 19962300868
Construction and functional characterization of a single
chain Fv
antibody binding to the plant hormone abscisic acid.
Publication Year: 1994

DESCRIPTORS: Abscisic acid; ELISA; monoclonal antibodies; plant
growth

regulators; immunological techniques; antibodies; growth inhibitors
CAS REGISTRY NUMBERS: 21293-29-8
CABICODES: Plant Physiology and Biochemistry (FF060)

3/8/9 (Item 1 from file: 357)
0242586 DBR Accession No.: 1999-13351
New multipurpose antibodies, used for e.g. treatment and diagnosis of
cancer - antibody heterodimer derivatives comprising single chain
antibody, useful for the therapy of a wide range of diseases 1999

3/8/10 (Item 2 from file: 357)
0171937 DBR Accession No.: 94-14488
Construction and functional characterization of a single chain Fv
antibody
binding to the plant hormone abscisic acid - single chain
antibody
engineering by phage display in Escherichia coli 1994

3/8/11 (Item 3 from file: 357)
0158342 DBR Accession No.: 94-00893
Transgenic plants expressing a functional single-chain Fv antibody are
specifically protected from virus attack -
anti-artichoke-mottled-crinkle virus single chain antibody Fv
fragment
expression in transgenic Nicotiana benthamiana for intracellular
immunization for increased disease-resistance 1993
? t s4/free/all

4/8/1 (Item 1 from file: 5)
0010687892 BIOSIS NO.: 199799321952
Antigen binding and cytotoxic properties of a recombinant immunotoxin
incorporating the lytic peptide, melittin
1996

4/8/2 (Item 2 from file: 5)
0009339697 BIOSIS NO.: 199497360982
Idiotypic vaccination against human B-cell lymphoma : Rescue of
variable
region gene sequences from biopsy material for assembly as single-
chain
Fv personal vaccines
1994

4/8/3 (Item 3 from file: 5)
0009295127 BIOSIS NO.: 199497316412
Efficient tumor cell lysis mediated by a bispecific single chain
antibody
expressed in Escherichia coli
1994

4/8/4 (Item 1 from file: 34)

DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

07703719 Genuine Article#: 198VC Number of References: 40

Title: Characterization of scFv -Ig constructs generated from the anti-CD20 mAb 1F5 using linker peptides of varying lengths

(ABSTRACT
AVAILABLE)

Publication date: 19990601

Journal Subject Category: IMMUNOLOGY

Identifiers--KeyWord Plus(R): SINGLE-CHAIN FV; B-CELL **LYMPHOMA** ;
MONOCLONAL-ANTIBODY THERAPY; ANTIGEN-BINDING PROTEIN; BISPECIFIC
ANTIBODY; ESCHERICHIA-COLI; NUDE-MICE; FRAGMENTS;

RADIOIMMUNOTHERAPY;

IDEC-C2B8

4/8/5 (Item 2 from file: 34)

DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

07035535 Genuine Article#: 117DT Number of References: 35

Title: Construction and in vitro evaluation of RFT5(scFv)-ETA', a new recombinant single-chain immunotoxin with specific cytotoxicity toward

CD25(+) Hodgkin-derived cell lines (ABSTRACT AVAILABLE)

Publication date: 19980100

Journal Subject Category: MEDICINE, RESEARCH & EXPERIMENTAL

Descriptors--Author Keywords: CD25 ; Hodgkin's **lymphoma** ; recombinant immunotoxin ; immunotherapy

Identifiers--KeyWord Plus(R): RICIN-A-CHAIN; BLOOD MONONUCLEAR-CELLS;
PHASE-I TRIAL; MONOCLONAL-ANTIBODIES; HEMATOLOGIC MALIGNANCIES;
PSEUDOMONAS-AERUGINOSA; ESCHERICHIA-COLI; ERBB-2 RECEPTOR; DISEASE;
EXPRESSION

4/8/6 (Item 3 from file: 34)

DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

05406598 Genuine Article#: VW333 Number of References: 43

Title: ANTIGEN-BINDING AND CYTOTOXIC PROPERTIES OF A RECOMBINANT IMMUNOTOXIN INCORPORATING THE LYTIC PEPTIDE, MELITTIN (Abstract Available)

Journal Subject Category: BIOTECHNOLOGY & APPLIED MICROBIOLOGY;
IMMUNOLOGY

Descriptors--Author Keywords: MELITTIN ; RECOMBINANT IMMUNOTOXIN ;
SINGLE-CHAIN FV

Identifiers--KeyWords Plus: SINGLE-CHAIN IMMUNOTOXINS; GERM-LINE VH;
PSEUDOMONAS EXOTOXIN; ESCHERICHIA-COLI; VARIABLE DOMAINS; BR96
SFV-PE40; CELL LEUKEMIA; B-CELLS; ANTIBODY; IMMUNOGLOBULIN

Research Fronts: 94-0811 002 (FILAMENTOUS PHAGE DISPLAY; PEPTIDE
COMBINATORIAL LIBRARIES; ANTIBODY FRAGMENTS; RECOMBINANT SINGLE-
CHAIN

FV MOLECULE; IN-VITRO SELECTION; DRUG DISCOVERY)

4/8/7 (Item 4 from file: 34)

DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

04450944 Genuine Article#: TD995 Number of References: 40
Title: CHARACTERIZATION OF AN ANTI-CD44 SINGLE-CHAIN F-V ANTIBODY THAT
STIMULATES NATURAL-KILLER-CELL ACTIVITY AND INDUCES TNF-ALPHA
RELEASE

(Abstract Available)

Journal Subject Category: IMMUNOLOGY

Identifiers--KeyWords Plus: ESCHERICHIA-COLI; DIPHTHERIA-TOXIN; CD44;
EXPRESSION; FRAGMENTS; ACTIVATION; ENGRAFTMENT; MOLECULE; MARROW;
IMMUNOTOXIN

Research Fronts: 93-0763 004 (SYNTHETIC PEPTIDE COMBINATORIAL
LIBRARIES;

EXPRESSION OF IMMUNOGLOBULIN FAB FRAGMENTS; BUILDING ANTIBODIES)
93-0560 001 (ALLOGENEIC BONE-MARROW TRANSPLANTATION FOR CHRONIC
MYELOGENOUS LEUKEMIA; GRAFT-VERSUS-HOST DISEASE; UNRELATED DONOR)
93-1221 001 (CD44 EXPRESSION; ADHESION MOLECULES IN LYMPHOMA
METASTASIS; HYALURONAN RECEPTOR FUNCTION)
93-3088 001 (RAT MUSCLE; PROTEIN PHOSPHATASE-1; MAJOR GLUTATHIONE
TRANSFERASE)

4/8/8 (Item 1 from file: 50)

DIALOG(R)File 50:(c) 2005 CAB International. All rts. reserv.

0007312807 CAB Accession Number: 19970500561

Antigen binding and cytotoxic properties of a recombinant
immunotoxin

incorporating the lytic peptide, melittin.

Publication Year: 1996

DESCRIPTORS: genetic engineering; toxins; antigens; cytotoxicity;
antibodies; melittin; gene expression; honey bee venom

IDENTIFIERS: toxinology; recombinant toxins; immunotoxins

CAS REGISTRY NUMBERS: 20449-79-0

ORGANISM DESCRIPTORS: Escherichia coli

BROADER TERMS: Escherichia; Enterobacteriaceae; Gracilicutes;
bacteria;
prokaryotes

CABICODES: Animal Toxicology, Poisoning and Pharmacology,

(Discontinued

March 2000) (LL900); Apiculture (LL010); Biotechnology (General),

(Revised June 2002) (WW000)

4/8/9 (Item 1 from file: 71)

00487674 96181640

Antigen binding and cytotoxic properties of a recombinant immunotoxin
incorporating the lytic peptide, melittin

PUBLICATION DATE: 19960000

4/8/10 (Item 2 from file: 71)

00113926 94107964

Idiotypic vaccination against human B-cell lymphoma . Rescue of
variable

region gene sequences from biopsy material for assembly as single-
chain

Fv personal vaccines

PUBLICATION DATE: 19940000

4/8/11 (Item 1 from file: 73)
06697524 EMBASE No: 1996362463
Antigen binding and cytotoxic properties of a recombinant immunotoxin
incorporating the lytic peptide, melittin
1996

4/8/12 (Item 2 from file: 73)
06303699 EMBASE No: 1995336574
Properties of bispecific single chain antibodies expressed in
Escherichia
coli
1995

4/8/13 (Item 3 from file: 73)
05751268 EMBASE No: 1994164636
Idiotypic vaccination against human B-cell lymphoma . Rescue of
variable
region gene sequences from biopsy material for assembly as single-chain
Fv
personal vaccines
1994

4/8/14 (Item 1 from file: 135)
DIALOG(R)File 135:(c) 2005 NewsRx. All rts. reserv.

0000026781 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Combination Antibody/Cytokine Therapy Shows In Vivo Potential
Marble, Michelle
WORD COUNT: 516
October 5, 1998 (19981005)

DESCRIPTORS: news
SUBJECT HEADING: Cancer Immunotherapy

4/8/15 (Item 2 from file: 135)
DIALOG(R)File 135:(c) 2005 NewsRx. All rts. reserv.

0000000627 (USE FORMAT 7 OR 9 FOR FULLTEXT)
"Active Immunization with the Idiotypic of Non-Hodgkin's Lymphoma
Elicits
an Immune Response Covering Idiotypic Negative Tumor Variants."
WORD COUNT: 491
December 4, 1995 (19951204)

DESCRIPTORS: news
SUBJECT HEADING: Tumor Vaccines

4/8/16 (Item 1 from file: 155)
DIALOG(R)File 155:(c) format only 2005 The Dialog Corp. All rts.

reserv.

12544055 PMID: 9852227

Construction and in vitro evaluation of RFT5(scFv)-ETA', a new

recombinant single-chain immunotoxin with specific cytotoxicity toward

CD25+ Hodgkin-derived cell lines.

Jan 1998

Tags: Research Support, Non-U.S. Gov't

Descriptors: *ADP Ribose Transferases; *Antibodies,

Monoclonal

--pharmacokinetics--PK; *Antibodies, Monoclonal--pharmacology--PD;

*Bacterial Toxins; *Exotoxins--pharmacology--PD; *Immunoglobulin Variable

Region--pharmacology--PD; *Immunotoxins--pharmacology--PD;

*Virulence

Factors; Amino Acid Sequence; Antibodies, Monoclonal--genetics--GE; Base

Sequence; Evaluation Studies; Exotoxins--genetics--GE; Gene Expression;

Humans; Immunoglobulin Variable Region--genetics--GE;

Immunotoxins

--genetics--GE; Molecular Sequence Data; Tumor Cells, Cultured; U937 Cells

Molecular Sequence Databank No.: GENBANK/U78761

CAS Registry No.: 0 (Antibodies, Monoclonal); 0 (Bacterial

Toxins); 0

(Exotoxins); 0 (Immunoglobulin Variable Region); 0

(Immunotoxins); 0

(RFT5(scFv)-ETA'); 0 (Virulence Factors)

Enzyme No.: EC 2.4.2.- (ADP Ribose Transferases); EC 2.4.2.31

(toxA

protein, Pseudomonas aeruginosa)

4/8/17 (Item 2 from file: 155)

DIALOG(R)File 155:(c) format only 2005 The Dialog Corp. All rts.

reserv.

11723961 PMID: 9373315

Antigen binding and cytotoxic properties of a recombinant immunotoxin

incorporating the lytic peptide, melittin.

Sep 1996

Descriptors: *Antigens--metabolism--ME; *Immunotoxins--metabolism--ME;

*Immunotoxins--pharmacology--PD; *Melittin--metabolism--ME;

*Melittin

--pharmacology--PD; Amino Acid Sequence; Animals; Base Sequence;

Cytotoxicity, Immunologic; Gene Fusion; Genes, Immunoglobulin;

Humans;

Hybridomas; Immunoglobulin Fragments--genetics--GE;

Immunoglobulin

Fragments--metabolism--ME; Immunoglobulin Fragments--pharmacology-

-PD;
 Immunoglobulin Variable Region--genetics--GE; Immunoglobulin
 Variable
 Region--metabolism--ME; Immunoglobulin Variable Region--pharmacology-
 -PD;
 Immunotoxins--genetics--GE; Melitten--genetics--GE; Mice; Mice, Inbred
 BALB
 C; Molecular Sequence Data; Recombinant Proteins--genetics-
 -GE;
 Recombinant Proteins--metabolism--ME; Recombinant Proteins--
 pharmacology
 --PD
 CAS Registry No.: 0 (Antigens); 0 (Immunoglobulin
 Fragments); 0
 (Immunoglobulin Variable Region); 0 (Immunotoxins); 0
 (Recombinant
 Proteins); 20449-79-0 (Melitten)

4/8/18 (Item 3 from file: 155)

DIALOG(R)File 155:(c) format only 2005 The Dialog Corp. All rts.
 reserv.

11235775 PMID: 8581376

**Properties of bispecific single chain antibodies expressed in
 Escherichia
 coli.**

Oct 1995

Tags: Research Support, U.S. Gov't, Non-P.H.S.; Research Support,
 U.S.
 Gov't, P.H.S.

Descriptors: *Antibodies, Bispecific--immunology--IM; *Escherichia
 coli
 --metabolism--ME; *Immunoglobulin Variable Region--immunology-
 -IM;
 *Immunoglobulins, Heavy-Chain--immunology--IM; *Immunoglobulins, Light-
 Chai
 n--immunology--IM; *Receptors, Antigen, T-Cell, alpha-beta--immunology-
 -IM;
 *T-Lymphocytes, Cytotoxic--immunology--IM; Animals; Antibodies,
 Bispecific
 --biosynthesis--BI; Antibodies, Bispecific--genetics--GE;
 Antibody
 Affinity; Antibody Specificity; Antigens, Neoplasm--chemistry-
 -CH;
 Antigens, Neoplasm--immunology--IM; Antigens, Surface--chemistry-
 -CH;
 Antigens, Surface--immunology--IM; Burkitt **Lymphoma** --immunology-
 -IM;
 Burkitt **Lymphoma** --pathology--PA; Cross-Linking Reagents;
 Fluorescein;
 Fluorescein-5-isothiocyanate; Fluoresceins; Genes, Immunoglobulin;
 Haptens
 --immunology--IM; Humans; Immunoglobulin Variable Region--biosynthesis-
 -BI;
 Immunoglobulin Variable Region--genetics--GE; Immunoglobulins, Heavy-
 Chain

--biosynthesis--BI; Immunoglobulins, Heavy-Chain--genetics--GE;
 Immunoglobulins, Light-Chain--biosynthesis--BI; Immunoglobulins, Light-Chain
 --genetics--GE; **Lymphoma** , T-Cell--immunology--IM; **Lymphoma** , T-Cell
 --pathology--PA; Mice; Mice, Inbred BALB C; Recombinant Fusion Proteins
 --biosynthesis--BI; Recombinant Fusion Proteins--immunology--IM;
 Tumor Cells, Cultured
 CAS Registry No.: 0 (Antibodies, Bispecific); 0 (Antigens, Neoplasm);
 0 (Antigens, Surface); 0 (Cross-Linking Reagents); 0 (Fluoresceins);
 0 (Haptens); 0 (Immunoglobulin Variable Region); 0 (Immunoglobulins, Heavy-Chain); 0 (Immunoglobulins, Light-Chain); 0 (Receptors, Antigen, T-Cell, alpha-beta); 0 (Recombinant Fusion Proteins); 2321-07-5
 (Fluorescein); 3326-32-7 (Fluorescein-5-isothiocyanate)

4/8/19 (Item 4 from file: 155)

DIALOG(R)File 155:(c) format only 2005 The Dialog Corp. All rts. reserv.

11142756 PMID: 7483816

Immunotherapy with bispecific antibodies.

1995

Descriptors: *Antibodies, Bispecific--therapeutic use--TU; *

Lymphoma ,

B-Cell--therapy--TH; Animals; Antibodies, Bispecific--biosynthesis--BI;

Immunoglobulin Idiotypes--immunology--IM; Mice; Mice, Inbred Strains;

Neoplasms, Experimental--therapy--TH; Receptors, Antigen, T-Cell

--immunology--IM

CAS Registry No.: 0 (Antibodies, Bispecific); 0

(Immunoglobulin

Idiotypes); 0 (Receptors, Antigen, T-Cell)

4/8/20 (Item 5 from file: 155)

DIALOG(R)File 155:(c) format only 2005 The Dialog Corp. All rts. reserv.

10595313 PMID: 8193363

Idiotypic vaccination against human B-cell lymphoma . Rescue of variable

region gene sequences from biopsy material for assembly as single-chain Fv

personal vaccines.

Jun 1 1994

Tags: Research Support, Non-U.S. Gov't

Descriptors: *Immunoglobulin Fragments--immunology--IM;
 *Immunoglobulin
 Idiotypes--immunology--IM; *Immunoglobulin Variable Region--genetics--
 GE; *
 Lymphoma , B-Cell--immunology--IM; *Vaccines, Synthetic--immunology--
 IM;
 Amino Acid Sequence; Antibodies, Monoclonal--immunology--IM; Base
 Sequence;
 Biopsy; Genes, Immunoglobulin; Humans; Immunoglobulin Fragments--
 genetics
 --GE; Immunoglobulin Variable Region--immunology--IM; Molecular
 Sequence
 Data; Polymerase Chain Reaction; Vaccination
 Molecular Sequence Databank No.: GENBANK/Z31379;
 GENBANK/Z31398;
 GENBANK/Z31579.
 CAS Registry No.: 0 (Antibodies, Monoclonal); 0
 (Immunoglobulin
 Fragments); 0 (Immunoglobulin Idiotypes); 0 (Immunoglobulin
 Variable
 Region); 0 (Vaccines, Synthetic); 0 (immunoglobulin Fv)

4/8/21 (Item 1 from file: 357)
 0166602 DBR Accession No.: 94-09153
 Idiotypic vaccination against human B-cell lymphoma . Rescue of
 variable
 region gene sequenced from biopsy material for assembly as single-
 chain
 Fv personal vaccines - single-chain antibody Fv fragment
 preparation
 for use as tumor vaccine 1994

4/8/22 (Item 2 from file: 357)
 0155213 DBR Accession No.: 93-13265
 Construction of a single-chain antibody fragment as part of a
 recombinant
 immunotoxin - single chain antibody Fv fragment construction from a
 mouse monoclonal antibody and melittin fusion protein; application
 in
 cancer therapy (conference abstract) 1992
 ?